

Listing of Claims:

The following listing of claims replaces all previous listings and versions of claims in this application.

1-19. (Withdrawn)

20. (Amended) A blown-film process for making a fiber-reinforced bag, comprising:
providing at least one thermoplastic resin;
melting the at least one thermoplastic resin;
extruding the at least one thermoplastic resin through an extension die to form a film bubble;
providing a plurality of pre-cut fibers;
introducing [[a]] the plurality of pre-cut fibers inside of the film bubble;
distributing the pre-cut fibers inside of the film bubble;
collapsing the film bubble after introducing the plurality of pre-cut fibers so as to form a fiber-reinforced film, the fiber-reinforced film having a first thermoplastic layer, a second thermoplastic layer, and a plurality of fibers dispersed therebetween;
forming a first and a second body panel from the fiber-reinforced film; and
closing the first and second body panels along two opposing sides and a bottom to form the fiber-reinforced bag.

21. (Original) The process of claim 20, wherein the fiber-reinforced film is folded to form a bottom.

22. (Original) The process of claim 20, wherein the fiber-reinforced film is folded to form one of the opposing sides of the bag.

23. (Original) The process of claim 20, wherein the first and second body panels are respectively formed from two distinct portions of fiber-reinforced film.

24. (Original) The process of claim 20, wherein the at least one thermoplastic resin is selected from the group consisting of polyolefins, polyesters, nylons, alkenyl aromatic polymers, polyvinyl chlorides, and combinations thereof.

25. (Original) The process of claim 20, wherein the at least one thermoplastic resin is a blend of thermoplastic resins.

26. (Original) The process of claim 25, wherein the at least one thermoplastic resin comprises a blend of a polyolefin and a cyclic olefin copolymer.

27. (Original) The process of claim 20, wherein the total thickness of the first and second thermoplastic layers is from about 0.2 mil to about 2.0 mils.

28. (Original) The process of claim 27, wherein the total thickness of the first and second thermoplastic layers is from about 0.4 mil to about 1.0 mil.

29. (Original) The process of claim 20, wherein the thickness of the fiber-reinforced film is from about 0.8 mil to about 2.0 mils.

30. (Original) The process of claim 29, wherein the thickness of the fiber-reinforced film is from about 1.0 mil to about 1.6 mils.

31. (Original) The process of claim 20, wherein the extension die is an annular die.
32. (Original) The process of claim 20, wherein the plurality of fibers is electrically charged to assist in improving the affinity of the plurality of fibers to the film bubble.
33. (Original) The process of claim 20, wherein the plurality of fibers contacts an inner surface of the film bubble.
34. (Original) The process of claim 20, wherein the plurality of fibers adheres to an inner surface of the film bubble.
35. (Original) The process of claim 20, wherein the extruding is performed using at least one horizontal extruder.
36. (Original) The process of claim 20, wherein the extruding is performed using at least one vertical extruder.
37. (Original) The process of claim 20, wherein the plurality of fibers is a thermoplastic material.
38. (Original) The process of claim 20, wherein the plurality of fibers is formed from at least two thermoplastic materials.
39. (Original) The process of claim 38, wherein the plurality of fibers is formed from a polyolefin and a cyclic olefin copolymer.
40. (Original) The process of claim 20, wherein the plurality of fibers comprises at least two layers.

41. (Original) The process of claim 20, wherein the plurality of fibers comprises an additive that assists in adhering the plurality of fibers to an inner surface of the film bubble.

42. (Amended) A blown-film process for making a fiber-reinforced bag, comprising:
providing at least one thermoplastic resin being selected from the group consisting of polyolefins, polyesters, nylons, alkenyl aromatic polymers, polyvinyl chlorides, and combinations thereof,

melting the at least one thermoplastic resin;

extruding the at least one thermoplastic resin through an extension die to form a film bubble;

providing a plurality of pre-cut fibers;

introducing [[a]] the plurality of pre-cut fibers inside of the film bubble, the plurality of pre-cut fibers being electrically charged to assist in improving the affinity of the plurality of pre-cut fibers to the film bubble;

distributing the pre-cut fibers inside of the film bubble such that the plurality of pre-cut fibers contacts an inner surface of the film bubble;

collapsing the film bubble after introducing the plurality of pre-cut fibers so as to form a fiber-reinforced film, the fiber-reinforced film having a first thermoplastic layer, a second thermoplastic layer, and a plurality of fibers dispersed therebetween, the total thickness of the first and second thermoplastic layers being from about 0.4 mil to about 1.0 mil.;

forming a first and a second body panel from the fiber-reinforced film; and

closing the first and second body panels along two opposing sides and a bottom to form the bag.

43-70. (Withdrawn)

71. (New) The process of claim 20, wherein the plurality of fibers dispersed between the first thermoplastic layer and the second thermoplastic layer defining a fiber layer in the fiber-reinforced film such that the first thermoplastic layer and the second thermoplastic layer are substantially not in contact.

72. (New) The process of claim 42, wherein the plurality of fibers dispersed between the first thermoplastic layer and the second thermoplastic layer defining a fiber layer in the fiber-reinforced film such that the first thermoplastic layer and the second thermoplastic layer are substantially not in contact.